

Supplementary Table 1: Association of IP-10 quartiles with mortality and incident cardiovascular disease events in JHS and REGARDS. Each quartile is reported in reference to quartile 1. Trend across quartiles is also reported.

			JHS				REGARDS			
			Q2	Q3	Q4	Trend	Q2	Q3	Q4	Trend
			Events/N	101/2906				466/868		
Coronary Heart Disease	Model 1	HR (95% CI)	1.51 (0.82, 2.78)	1.24 (0.65, 2.35)	1.08 (0.56, 2.10)	0.98 (0.82, 1.18)	1.43 (0.89, 2.30)	1.00 (0.62, 1.61)	1.59 (0.96, 2.63)	1.10 (0.94, 1.29)
		p-value	0.19	0.51	0.82	0.85	0.14	1	0.07	0.22
	Model 2	HR (95% CI)	1.51 (0.82, 2.80)	1.30 (0.68, 2.50)	1.12 (0.58, 2.16)	1.00 (0.83, 1.19)	1.60 (0.95, 2.70)	1.02 (0.60, 1.72)	1.69 (0.94, 3.03)	1.10 (0.92, 1.32)
		p-value	0.19	0.42	0.73	0.97	0.08	0.95	0.08	0.28
	Model 3	HR (95% CI)	1.52 (0.82, 2.81)	1.32 (0.69, 2.52)	1.12 (0.58, 2.16)	1.00 (0.83, 1.19)	1.68 (0.98, 2.88)	0.99 (0.57, 1.71)	1.75 (0.96, 3.19)	1.10 (0.92, 1.33)
		p-value	0.19	0.41	0.73	0.97	0.06	0.97	0.07	0.29
	Model 1	Events/N	110/2991				445/881			
		HR (95% CI)	0.67 (0.38, 1.21)	0.90 (0.52, 1.55)	0.89 (0.51, 1.55)	1.00 (0.83, 1.21)	1.26 (0.78, 2.05)	0.94 (0.59, 1.52)	1.62 (0.98, 2.66)	1.12 (0.96, 1.31)
		p-value	0.18	0.69	0.68	0.98	0.35	0.81	0.06	0.15
Stroke	Model 2	HR (95% CI)	0.67 (0.37, 1.20)	0.95 (0.55, 1.65)	0.97 (0.56, 1.68)	1.04 (0.86, 1.25)	1.35 (0.80, 2.28)	1.05 (0.63, 1.75)	1.73 (1.00, 3.00)	1.15 (0.97, 1.36)
		p-value	0.17	0.86	0.91	0.70	0.26	0.85	0.05	0.11
	Model 3	HR (95% CI)	0.66 (0.36, 1.20)	0.99 (0.57, 1.71)	0.98 (0.57, 1.68)	1.05 (0.87, 1.26)	1.41 (0.83, 2.40)	0.99 (0.59, 1.67)	1.81 (1.03, 3.16)	1.15 (0.97, 1.37)

		p-value	0.17	0.97	0.94	0.64	0.20	0.96	0.04	0.12
All-Cause Mortality	Model 1	Events/N	559/3173				160/475			
		HR (95% CI)	1.26 (0.96, 1.67)	1.29 (0.98, 1.70)	1.41 (1.08, 1.85)	1.1 (1.02, 1.19)	1.39 (0.78, 2.48)	1.19 (0.65, 2.15)	2.16 (1.24, 3.78)	1.27 (1.08,1.50)
	Model 2	p-value	0.10	0.07	0.01	0.02	0.27	0.58	0.01	$3.64 \times 10^{-3}$
		HR (95% CI)	1.30 (0.98, 1.71)	1.33 (1.01, 1.75)	1.50 (1.14, 1.96)	1.12 (1.04, 1.22)	1.31 (0.73, 2.36)	1.19 (0.65, 2.19)	2.17 (1.23, 3.84)	1.29 (1.09,1.53)
	Model 3	p-value	0.07	0.04	$3.46 \times 10^{-3}$	0.01	0.37	0.57	0.01	$2.61 \times 10^{-3}$
		HR (95% CI)	1.30 (0.98, 1.72)	1.35 (1.03, 1.78)	1.50 (1.15, 1.96)	1.12 (1.04, 1.22)	1.37 (0.76, 2.48)	1.19 (0.65, 2.18)	2.16 (1.22, 3.82)	1.27 (1.08,1.51)
		p-value	0.07	0.03	$2.98 \times 10^{-3}$	$4.39 \times 10^{-3}$	0.30	0.58	0.01	$4.41 \times 10^{-3}$
Heart Failure	Model 1	Events/N	190/2756							
		HR (95% CI)	1.37 (0.80, 2.36)	1.79 (1.07, 3.00)	2.76 (1.67, 4.54)	1.41 (1.21, 1.64)				
	Model 2	p-value	0.25	0.03	$6.89 \times 10^{-5}$	$8.85 \times 10^{-6}$				
		HR (95% CI)	1.41 (0.82, 2.44)	1.79 (1.07, 3.01)	2.74 (1.66, 4.52)	1.40 (1.20, 1.62)				
	Model 3	p-value	0.22	0.03	$8.30 \times 10^{-5}$	$1.30 \times 10^{-5}$				
		HR (95% CI)	1.41 (0.82, 2.44)	1.79 (1.07, 3.01)	2.74 (1.66, 4.52)	1.40 (1.20, 1.63)				
		p-value	0.22	0.03	$8.46 \times 10^{-5}$	$1.33 \times 10^{-5}$				

\*Hazard ratios (HR) and 95% confidence intervals (CIs) are reported for Only individuals with complete covariates for all models are included. REGARDS did not have an adequate number of heart failure cases in the case-cohort study for analysis.

**Model 1:** Adjusted for age, sex (with additional adjustment for region in REGARDS)

**Model 2:** Model 1 + BMI, blood pressure medications, type 2 diabetes, systolic blood pressure, total cholesterol, high-density lipoprotein cholesterol, current smoking

**Model 3:** Model 2 + C-reactive protein